For the PTO's convenience, claims that remain unchanged are included below in order to allow the Examiner to review all pending claims from this response in their numerical order.

3. **(Twice Amended)** A method of processing signals to control a presentation, said method comprising the steps of:

receiving a television signal including television programming and communicating said television signal to a storage device;

receiving an instruct signal which is effective to instruct a computer at a user station to supplement or complete said television programming at an output device;

selecting one of:

(1) a time at which to communicate said instruct signal; and

(2) a location to which to communicate said instruct signal;

communicating said instruct signal at said selected time or to said selected location; and

storing said television signal and said instruct signal at said storage device.

4. **(Twice Amended)** The method of claim 3, wherein said instruct signal is embedded in said television signal.

Please cancel claims 5 to 7.

8. **(Twice Amended)** A method of generating signals to control a presentation comprising the steps of:

generating a programming signal that includes video;

generating an instruction, said instruction having effect to instruct a user station processor to generate or output information to supplement or complete said video;

embedding said instruction in said programming signal; and

storing said programming signal including said video and said embedded instruction.

Please cancel claims 9 to 20.

21. (Unchanged) The method of claim 3, wherein said storage device comprises one or more storage locations in a network.

22. (Unchanged) The method of claim 3, wherein said storage device comprises a memory.

23. (Unchanged) The method of claim 22, wherein said memory comprises a tape.

24. (Unchanged) The method of claim 22, wherein said memory comprises a disk.

25. (Unchanged) The method of claim 3 further comprising the step of communicating one of said television signal and said instruct signal from a first part of said storage device to a second part of said storage device.

26. (Unchanged) The method of claim 25, further comprising the step of reorganizing the storage of said television signal and said instruct signal at said storage device.

Please cancel claims 27 to 32.

33. **(Amended)** A method of processing signals to control at least one of a television and a media presentation comprising the steps of:

receiving a television signal including first television programming and communicating said television signal and said first television programming to a storage device, said first television programming including audio;

receiving processor instructions which are capable of instructing a computer to present, with said first television programming at at least one output device, information to at least one of complete and supplement said first television programming;

selecting at least one of:

(1) at least one first time at which to communicate said processor instructions; and

(2) at least one first location to which to communicate said processor instructions;

communicating said processor instructions to said storage device based on said step of selecting; and

storing said television signal, said first television programming, and said processor instructions at said storage device concurrently.

Please cancel claims 34 to 37.

38. ~~**(Twice Amended)** A method of embedding processor instructions to~~ control a presentation comprising the steps of:

receiving a program that includes video information, said video information including at least three video images to be outputted at a subscriber station in a predetermined sequence;

receiving said processor instructions and at least one control instruction, said processor instructions capable of instructing a subscriber station apparatus to at least one of process and output subscriber specific information pertaining to said program, said at least one control instruction capable of causing said subscriber station apparatus to operate under control of said processor instructions;

commencing communication of said program to a storage device;

embedding said processor instructions and said at least one control instruction in a signal including said program while said signal and said program are being communicated; and

storing said signal including said program, said embedded processor instructions, and said embedded at least one control instruction in said storage device.

Please cancel claims 39 to 51.

52. (Unchanged) The method of claim 33 wherein said storage device includes at least one of a tape and a disk, said method further comprising the steps of:

communicating said television signal, said first television programming, and said processor instructions to said at least one of a tape and a disk; and

storing said television signal, said first television programming, and said processor instructions at said at least one of a tape and a disk concurrently.

53. (Unchanged) The method of claim 33, further comprising the step of:

receiving at least one control instruction which operates to output said television signal, said first television programming, and said processor instructions from said storage device.

Please cancel claims 54 to 61.

62. **(Twice Amended)** The method of claim 33, wherein (i) at least a first of said processor instructions is capable of instructing said computer to generate information to complete said first television programming and (ii) at least a second of said processor instructions is capable of outputting from said computer a portion of said information to at least one of complete and supplement said first television programming, said method further comprising the steps of:

selecting at least one of:

(1) a second time at which to communicate said processor instructions, and

(2) a second location to which to communicate said processor instructions; and

communicating one of (i) said at least said first of said processor instructions and (ii) said at least said second of said processor instructions to said storage device based on said step of selecting at least one of said second time and said second location.

Please cancel claims 63 to 64.

65. **(Twice Amended)** The method of claim 33, wherein said first television programming includes a multiplicity of video images to be outputted in a predetermined sequence at said at least one output device for a period of time, only a portion of said period of time including a plurality of time intervals of specific relevance,

a first portion of said information to at least one of complete and supplement said first television programming is to be presented at said at least one output device within a first of said plurality of time intervals of specific relevance,

a second portion of said information to at least one of complete and supplement said first television programming is to be presented at said at least one output device within a second of said plurality of time intervals of specific relevance,

said second of said plurality of time intervals of specific relevance being subsequent to said first of said plurality of time intervals of specific relevance,

a first of said processor instructions is capable of presenting at said at least one output device said first portion of said information to at least one of complete and supplement said first television programming and a second of said processor instructions is capable of presenting at said at least one output device said second portion of said information to at least one of complete and supplement said first television programming,

based on said step of selecting at least one of (i) said at least one first time and (ii) said at least one first location, said first and said second of said processor instructions are embedded in a portion of said television signal which is outputted at said at least one output device concurrently with said audio and said multiplicity of video images,

said first of said processor instructions is embedded in a portion of said television signal which includes television programming that is outputted by said at least one output device before the end of said first of said plurality of time intervals of specific relevance, and

said second of said processor instructions is embedded in a portion of said television signal which includes television programming that is outputted by said at least one output device before the end of said second of said plurality of time intervals of specific relevance.

Please cancel claim 66.

67. (Unchanged) The method of claim 38, wherein said storage device includes at least one of a tape and a disk, said method further comprising the steps of:

communicating a television program, said video information, and said processor instructions to said at least one of a tape and a disk; and

storing said television program, said video information, and processor instructions, and said at least one control instruction, at said at least one of a tape and a disk concurrently.

68. (Unchanged) The method of claim 38, further comprising the step of:

receiving at least one control signal which operates to output said program, said video information, said processor instructions, and said at least one control instruction from said storage device.

Please cancel claims 69 to 76.

77. **(Twice Amended)** The method of claim 38, wherein (i) at least a first of said processor instructions is capable of instructing said subscriber station apparatus to generate information to complete said video information and (ii) at least a second of said processor instructions is capable of outputting from said subscriber station apparatus a portion of said information to complete said video information, said method further comprising the steps of:

selecting at least one of:

(1) at least one time at which to communicate said processor instructions; and

(2) at least one location to which to communicate said processor instructions; and

embedding at least one of said at least a first of said processor instructions and said at least a second of said processor instructions in said signal based on said step of selecting at least one of said at least one time and said at least one location.

Please cancel claims 78 to 79.

80. (Unchanged) The method of claim 38, wherein said at least three video images are to be outputted at at least one output device at said subscriber station for a period of time, only a portion of said period of time including a plurality of time intervals of specific relevance,

a first portion of said subscriber specific information is to be outputted at said at least one output device concurrently with at least a first of said at least three video images within a first of said plurality of time intervals of specific relevance,

a second portion of said subscriber specific information is to be outputted at said at least one output device with at least a second of said at least three video images within a second of said plurality of time intervals of specific relevance,

said second of said plurality of time intervals of specific relevance being subsequent to said first of said plurality of time intervals of specific relevance,

a first of said processor instructions is capable of outputting at said at least one output device said first portion of said subscriber specific information and a second of said processor instructions is capable of outputting at said at least one output device said second portion of said subscriber specific information, and

said first and said second of said processor instructions are embedded in a portion of said signal which is outputted from said at least one output device at a time when said at least one output device displays at least one of said three video images,

said first of said processor instructions is embedded in a portion of said signal which is outputted by said at least one output device before the end of said first of said plurality of time intervals of specific relevance, and

said second of said processor instructions being embedded in a portion of said signal which is outputted by said at least one output device before the end of said second of said plurality of time intervals of specific relevance.

Please cancel claims 81 to 95.

96. **(Twice Amended)** A method of processing signals to control a multimedia presentation comprising the steps of:

receiving a television signal including television programming and communicating said television signal and said television programming to at least one storage device, said television programming comprising audio and a plurality of video images to be displayed in at least one predetermined sequence, said at least one predetermined sequence including full motion video;

receiving at least one first instruction signal which is capable of instructing a computer to conduct a procedure of at least one of inputting and responding to a subscriber reaction to said television programming;

selecting at least one of:

(1) at least one time at which to communicate said first instruction signal; and

(2) at least one first location to which to communicate said first instruction signal;

communicating said at least one first instruction signal at least one of (i) at said at least one selected time and (ii) to said selected at least one first location, based on said step of selecting; and

storing said television signal, said television programming, and said at least one first instruction signal at said at least one storage device concurrently.

97. (Unchanged) The method of claim 96, further comprising at least one of the steps of:

embedding said first instruction signal in said television signal;

embedding at least one of a first code and a first datum in said television programming that enables said computer to locate at least one of a second code and a second datum ;

communicating a program unit identification code to said storage device and storing said program unit identification code at a storage location associated with said television programming;

communicating to and storing at said storage device information to evidence at least one of an availability, use, and usage of at least one of said television programming, said first instruction signal, and executable code at a subscriber station;

storing at said storage device a second instruction signal which is effective at a subscriber station to generate output information content to be associated with said television programming;

storing at said storage device a second instruction signal which is effective at a subscriber station to display at least one of a combined and a sequential presentation of said television programming and at least one subscriber specific datum;

storing at said storage device a second instruction signal which is capable of enabling a subscriber station to respond to a subscriber reaction inputted by at least one of said computer and a processor;

storing at said storage device a second instruction signal which is capable of enabling a subscriber station to communicate to a remote station a query in respect of information at least one of (i) to be associated with said television programming and (ii) to enable display of said television programming;

storing at said storage device a second instruction signal which is effective to control a subscriber station to receive information to at least one of complete and supplement said television programming;

storing at said storage device a second instruction signal which is effective at a subscriber station to process a digital television signal ; and

storing at said storage device said at least one of said first code and said first datum to serve as a basis for enabling at least one of (i) an output device to display at

least a portion of said television programming and said computer to process said executable code.

98. (Unchanged) The method of claim 96, wherein said selected at least one first location is in said television signal, said method further comprising the step of:

storing at said storage device concurrently with said television programming and said first instruction signal information that evidences at least one from the group consisting of:

(1) a title of a television program;

(2) a use of programming;

(3) a transmission station;

(4) a receiver station;

(5) a network;

(6) a broadcast station;

(7) a channel on a cable system;

(8) a time of transmission;

(9) an identification of an instruction signal;

(10) at least one of a source and a supplier of data;

(11) at least one of a distributor and an advertisement; and

(12) an indication of a payment obligation.

99. (Unchanged) The method of claim 96, wherein said first instruction signal is embedded in said television signal, said method further comprising the steps of:

selecting at least one from the group consisting of:

(1) a datum that identifies computer software in said television signal;

(2) a datum that designates an addressed apparatus;

(3) a datum that is part of a decryption code;

(4) a datum to be compared to a communication schedule; and

embedding said selected at least one datum in said television signal; and

storing said selected at least one datum at said storage device concurrently with said television programming and said first instruction signal.

100. (Unchanged) The method of claim 96, wherein said first instruction signal includes code, said method further comprising the steps of:

selecting at least one second instruction signal, said at least one second instruction signal including at least one from the group consisting of:

(1) a switch control signal;

(2) a timing control signal;

(3) a locating control signal;

(4) an instruct-to-contact signal that designates a remote receiver station;

(5) an instruct-to-transfer signal that designates one of broadcast and cablecast programming;

(6) an instruct-to-delay signal that designates one of broadcast or cablecast programming;

(7) at least one of an instruct-to-decrypt and an instruct-to-interrupt signal that designates programming and a way to at least one of decrypt and interrupt;

(8) at least one of an instruct-to-enable and an instruct-to-disable signal that designates an apparatus;

(9) an instruct-to-record signal that designates at least one of a broadcast and a cablecast program;

(10) a control signal that controls a multimedia presentation;

(11) an instruction signal that governs at least one of a broadcast and a cablecast receiver station environment;

(12) an instruct-to-power-on signal that designates a receiver;

(13) an instruct-to-tune signal that designates at least one of a receiver and a frequency;

(14) an instruct-to-coordinate signal that designates at least two apparatus;

(15) an instruct-to-compare signal that designates at least one of a news transmission and a computer input;

(16) an identifier signal that causes a computer to instruct a plurality of tuners each to tune to at least one of a broadcast and a cablecast transmission;

(17) an instruct-to-coordinate signal that designates at least two portions of information and at least one of: (1) an output time and (2) an output place;

(18) an instruct-to-generate signal that designates at least one output datum;

(19) an instruct-to-transmit signal that designates at least one computer output;

(20) an instruct-to-overlay signal that designates at least one television image;

(21) an instruct-that-if signal that designates a function to perform if a predetermined condition exists;

(22) an instruct-to-enable-and-deliver signal that designates information that at least one of completes and supplements a television program;

(23) an instruct-to-transmit signal that designates a computer peripheral device;

(24) a code signal that designates at least one datum to at least one of remove and embed;

(25) a signal addressed to a receiver station apparatus;

(26) an instruct-to-store signal that designates at least a portion of a program to be at least one of broadcast and cablecast;

(27) an instruct-to-transmit signal that designates at least a portion of a program to be at least one of broadcast and cablecast;

embedding said selected at least one second instruction signal in said television signal; and

storing said selected at least one second instruction signal at said at least one storage device concurrently with said television programming and said first instruction signal.

Please cancel claims 101 to 118.

119. (Unchanged) The method of claim 96, wherein said selected at least one first location includes a memory location at said at least one storage device and said step of communicating said at least one first instruction signal further comprises:

communicating at least a portion of said at least one first instruction signal to said memory location.

120. (**Amended**) The method of claim 119, wherein said at least one storage device includes at least one of a disk and a tape and said memory location is included within said at least one of said disk and said tape.

121. (Unchanged) The method of claim 120, wherein said television signal, said television programming, and said at least one first instruction signal are stored concurrently on one of said at least one of said tape and said disk.

122. (Unchanged) The method of claim 121, wherein only some of an audible portion of said television programming prompts for input of said subscriber reaction, said method further comprising the steps of:

selecting at least one second location to which to communicate said at least said first instruction signal, said at least one second location being within said television signal but outside said audible portion; and

embedding said at least one first instruction signal in said at least one second location.

123. (Unchanged) The method of claim 122, wherein said at least said first instruction signal is embedded in said at least one second location before said television signal is stored, wherein said television programming, and said at least said first instruction signal are stored concurrently on said one of said at least one of said tape and said disk.

124. **(Twice Amended)** The method of claim 121, further comprising the steps of:

selecting at least one second location to which to communicate said at least one first instruction signal, said at least one second location being within said television signal but outside a portion including said video images to be displayed; and

embedding said at least one first instruction signal in said at least one second location.

125. (Unchanged) The method of claim 124, wherein said at least one first instruction signal is embedded in said at least one second location before said television signal is stored, wherein said television programming and said at least one first instruction signal are stored concurrently on one of said at least one of said tape and said disk.

126. (Unchanged) The method of claim 96, wherein said selected at least one time is before said television signal is stored, wherein said television programming and said at least one first instruction signal are stored concurrently at said at least one storage device.

127. (Unchanged) The method of claim 126, comprising the steps of:

selecting a second location to which to communicate said at least one first instruction signal, said at least one second location being within said television signal but outside an audible portion; and

embedding said at least one first instruction signal in said at least one second location.

128. (Unchanged) The method of claim 127, wherein said at least one first instruction signal is embedded in said at least one second location at said selected at least one time.

129. (**Twice Amended**) The method of claim 126, further comprising the step of:

selecting at least one second location to which to communicate said at least one first instruction signal, said at least one second location being within said television signal but outside a portion including said video images to be displayed; and

embedding said at least one first instruction signal in said selected at least one first location.

130. (Unchanged) The method of claim 129, wherein said at least one first instruction signal is embedded in said selected at least one first location at said selected at least one time.

131. (Unchanged) The method of claim 96, wherein said selected at least one first location includes a second location in said television signal and said step of communicating said at least one first instruction signal further comprises the step of: